



N° of elements 2 Mounting form U12 - Front mounting without front plate with key operation for hole diam. 22mm fixing Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Conventional free air thermal current Ith IEC/EN A 25 UL/CSA A 30 30 Rated operational voltage V 480 Rated operational impulse voltage KV 4				Propagation and the Propagation
Product type designation 7 SNz5 General characteristics 10 - ON/OFF Switching diagram 10 - ON/OFF Switching diagram 10 - ON/OFF N° of elements 2 U12 - Front mounting without Mounting form Key operation for Contact characteristics 10 - ON/OFF Rated insulation voltage UI IEC/EN V General characteristics 10 - On/OFF Contact characteristics 10 - On/OFF Rated insulation voltage UI IEC/EN V Conventional free air thermal current Ith IEC/EN A 25 Conventional impulse voltage V 480 400 Rated operational voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 25 Rated short time current lew 1s kA 400 Conductivity 1s kA 400 Conductivity 1s kA 400 Conductivity 1s kA 25	Product designation			
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Switching diagram 10 - ON/OFF N° of elements 2 Mounting form U12 - Front Mounting form U12 - Front Rated insulation voltage Ui IEC/EN V Rated insulation voltage Ui IEC/EN V Rated insulation voltage Ui IEC/EN V Rated insulation voltage Uinp KV 6 Connect characteristics UL/CSA A Rated insulation voltage V 600 Rated operational representational impulse voltage V 480 Rated operational voltage V 480 Rated operational impulse voltage V 480 Rated operational impulse voltage V 400 Conductivity 10kA A 25 Conductivity 1s kA 400 Conductivity 1s kA 400 Conductivity 1s kA 400 Conductivity 1s kA 400 Conductivity 1s kA 22 <				7GN25
Switching diagram switch 3 poles N° of elements 2 Mounting form U12 - Front mounting without front plate with hole diam. 22mm fixing Contact characteristics Elected insulation voltage Ui IEC/EN V Quitcolspan="2">Contact characteristics Elected insulation voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 25 Contact characteristics Rated operational voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 25 Contact characteristics Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 25 Conductivity 10/5 mA/V Operational current le IC/EN 400 Conductivity 10/5 mA/V Operational current I le IC/EN 4 25	General characteristics			
N° of elements 2 Mounting form U12 - Front mounting without front plate with key operation for hole diam. 22nm fixing Contact characteristics IEC/EN V 690 Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Conventional free air thermal current Ith IEC/EN A 25 Conventional impulse voltage V 480 A 30 Rated operational voltage V 480 A 25 UL/CSA A 25 15KA A 25 Rated operational impulse voltage kV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA 25 25kA 25 Rated short time current lcw 1s kA 400 2 Conductivity 1s kA 400 Conductivity 1s kA 400 Conductivity 10/5 mA/V 2 380/400V A 8 Gofo/690V	Switching diagram			
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	N° of elements			
IEC/EN V 690 UL/CSA V 690 Rated impulse withstand voltage Uimp KV 6 Conventional free air thermal current lth IEC/EN A 25 UL/CSA V 480 Rated operational voltage KV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 25 15kA A 25 15kA A 25 Conductivity 10kA A 25 15kA A 25 Conductivity 1s kA 400 25 Conductivity 10/5 mA/V 00 20 Operational current lcw 10/5 mA/V 00 20 Conductivity 1 KA 400 20 Conductivity 1 10/5 mA/V 00 20 Operational current lcw 1 1 4 20 Rated operational power in AC 1 2 2 2 Rated operational power in A	Mounting form			mounting without front plate with key operation for hole diam. 22mm
IEC/EN V 690 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A 25 UL/CSA A 30 Rated operational voltage V 480 Rated operational voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 25 Maximum fuse size for short-circuit protection In (gG) 10kA A 25 25kA A 25 Rated short time current Icw 1s kA 400 25 Conductivity 1s kA 400 400 Conductivity 220/230V A 12 380/400V A 12<				
Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current lth IEC/EN A 25 QUL/CSA A 30 Rated operational voltage V 480 Rated operational impulse voltage kV 4 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 25 15kA A 25 25kA A 25 Rated short time current lcw 1s kA 400 400 Conductivity 10/5 mA/V 10/5 mA/V 400 <td></td> <td></td> <td></td> <td></td>				
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Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 25 15kA A 25 25kA A 25 Rated short time current lcw 1s kA 400 400 Conductivity 1s kA 400 400 Operational current le IEC/EN AC1/AC21A A 25 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V KW 5.5 380/400V KW 5.5 380/440V KW 7.5 Single-phase AC-3 10V KW 1.5		IEC/EN	А	25
Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 25 15kA A 25 15kA A 25 Rated short time current lcw 1s kA 400 0 Conductivity 10/5 mA/V 10/5 mA/V 0 Operational current le IEC/EN A 25 AC1/AC21A A 25 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 380/400V A 8 660/690V A 2 380/40V KW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V KW 1.5 110V KW 1.5		UL/CSA	А	30
Maximum fuse size for short-circuit protection ln (gG) 10kA A 25 15kA A 25 Rated short time current lcw 1s kA 400 Conductivity 10/5 mA/V Operational current le IEC/EN 10/5 mA/V AC1/AC21A A 25 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 2 380/400V A 8 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 5.5 Single-phase AC-3 110V KW 1.5 500/690V KW 1.5	Rated operational voltage		V	480
10kA A 25 15kA A 25 Rated short time current lcw 1s kA 400 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 25 AC1/AC21A A 25 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 2 380/400V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 Single-phase AC-3 110V KW 1.5 100/2000 1.5	Rated operational impulse voltage		kV	4
15kA A 25 Rated short time current lcw 1s kA 400 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 25 AC1/AC21A A 25 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 2 2 2 Rated operational power in AC Three-phase AC-3 2 2 20/230V KW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V KW 1.5 10	Maximum fuse size for short-circuit protection In (gG)			
25kA A 25 Rated short time current lcw 1s kA 400 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 25 AC1/AC21A A 25 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 2 2 2 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 Single-phase AC-3 110V kW 1.5 110V kW 1.5				
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1s kA 400 Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A AC1/AC21A A AC15 110V 110V A AC15 110V AC15 110V AC16 220/230V AC16 220/230V AC16 220/230V Rated operational power in AC A Three-phase AC-3 220/230V Single-phase AC-3 220/230V KW 5.5 380/400V KW AC1 380/40V KW 7.5 Single-phase AC-3 110V		25KA	A	25
Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 25 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 2 2 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 110V kW 1.5	Rated short time current icw	15	kΑ	400
AC1/AC21A A 25 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 2 2 2 2 2 2 3	Conductivity	10	IV (
AC1/AC21A AC1/AC21A AC15 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5				
AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 110V kW 1.5				
110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 110V kW			А	25
220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 110V kW	AC15			
380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 110V kW			А	
660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5				
Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5				
Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5		660/690V	A	2
220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5				
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5		220/2201/	L\\/	E
500/690V kW 7.5 Single-phase AC-3 110V kW 1.5				
Single-phase AC-3 110V kW 1.5				
110V kW 1.5		000/030 v	IX V V	1.0
		110V	kW	1.5

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		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cur	rrent in DC			
	DC21A			
		48V	А	25
		60V	А	25
		110V	А	4
		220V	А	0.7
	DC23A (poles in series)			
	·	24V	А	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	А	12 (3)
		220V	А	10 (4)
	DC13			. ,
		24V	А	25
		48V	А	20
		60V	А	16
		110V	А	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVIAA	,	. •
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	Ινιαλ	/	12
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	IVIAX	11111	-7
	Conductor Size (IEC) - Rigid Cable	min	mm²	0.5
		Max	mm²	4
Mechanical life		IVIdX		
UL technical data			cycles	5x10 ⁶
	t on line control			
Motor power for direc				
	for three-phase motor	1001		0
		120V	HP	3
		240V	HP	5
		1001/	HP	10
		480V		
		480 V 600 V	HP	15
	for single-phase motor			

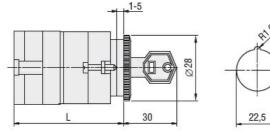
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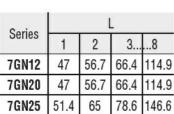
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



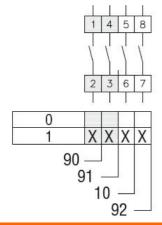
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ption			
Frontal IP degree				IP40
Terminals IP degree				IP00

Dimensions





Wiring diagrams



Certifications and compliance

Compliance

•••••	
	CSA C22.2 n° 14
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
	UL60947-4-1
Certificates	
	cCSAus
	EAC
	UL



ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete